

Specification

Power series-D6280



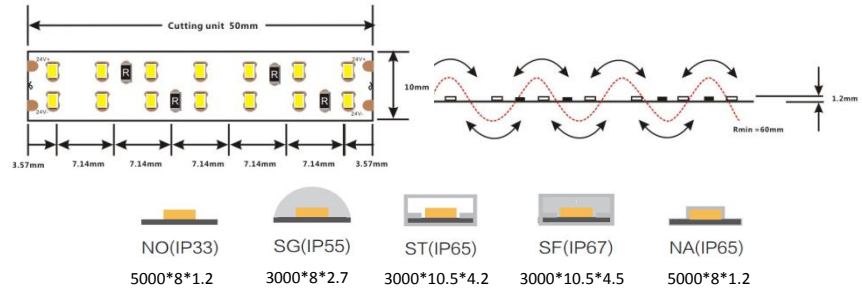
General description

- ※Double rows of LED with ultra-slim thickness of 1.2mm, matching profiles better
- ※Self-encapsulated design offers five optional 2700-6000K white lights
- ※With life span over 36000H
- ※Ta: -25~40° C; Tc: 75° C (max)



Dimensions

- Max.length:** 5000mm
- Cutting unit:** 50mm/14leds
- LED pitch:** 7.14mm
- Min. bend diameter:** Φ 60mm
- Mounting:** 3M tape
- IP:** IP33

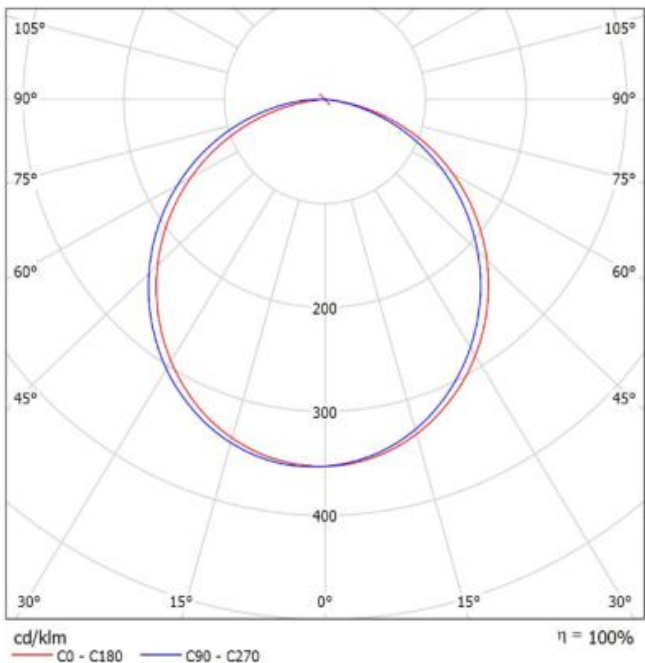


Electronic & output data

- Input voltage:** 24VDC
- Rated current:** 0.625 A(1meter) /2.73A(5meter)
- Typical Power:** 15W(1meter) /65.5W(5meter)
- Power range:** 13.8 ~16.2W
- Max.power:** 16.2W (If=17mA)
- CRI:** >90
- On-off times:** 10000 (test times)

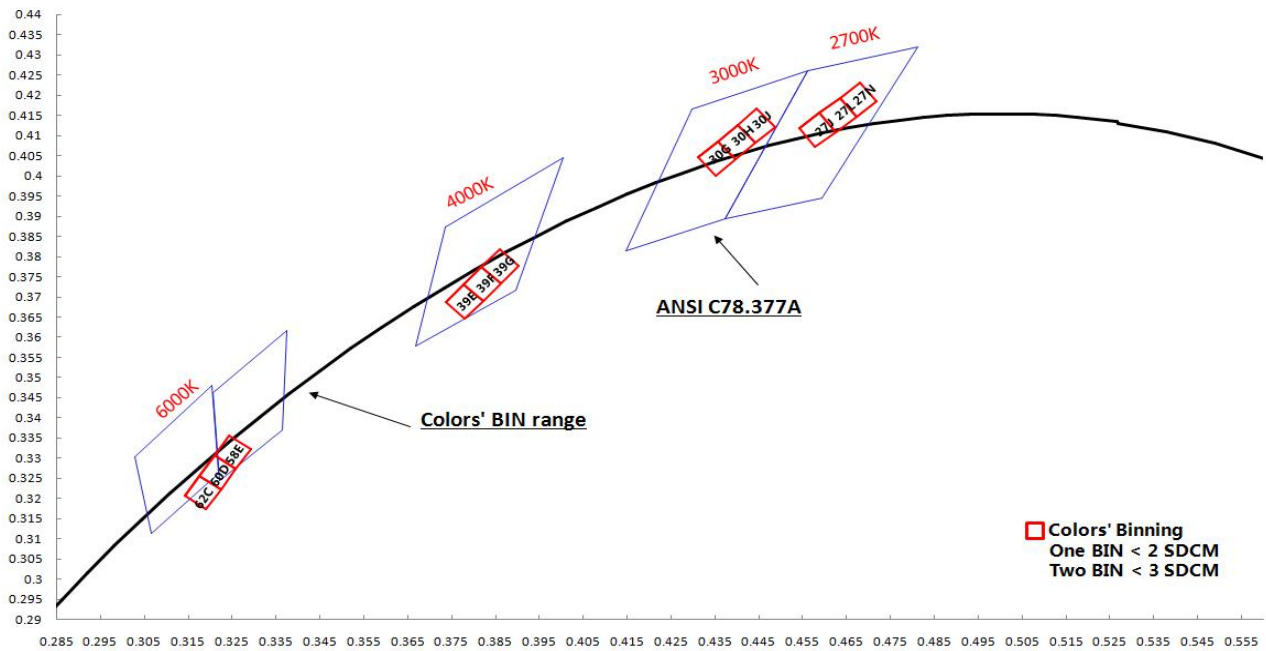
Color	SW	WW	NW	W
CCT	2700K	3000K	4000K	6000K
Lumen	1387lm	1462lm	1508lm	1462lm
Lm/W	92	97	101	97
Energy efficiency class	A+	A+	A+	A+

1.The tolerance of output data can be vary up to 10%
 2.the output data tested according to IES LM-79-08
 3.the output data is based on IP33/1merter
 4.IP protection process leads changes to size, CCT and luminous flux



Height	Eavg, Emax	Diameter
1m	126.2, 458.31x	317.87cm
2m	31.56, 114.61x	635.74cm
3m	14.03, 50.921x	953.61cm
5m	5.049, 18.331x	1589.35cm
7m	2.576, 9.3531x	2225.08cm

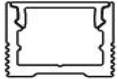


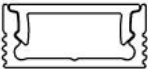

Angle: 115.64deg

BIN

Accessories Information

Type	Name	Picture	Code	Color	protection technique	Remark
wire cable with connector	red and black cable		94.31.20201201 (head) /94.31.20201202 (tail)	red/black	NO/ST/SF/NA/ SG	20AWG L=120mm
	Two core SM-male wire		94.34.20201501	red/black	NO	20AWG L=150mm
	Two core SM-female wire		94.34.20201502	red/black	NO	20AWG L=150mm
	Two core DC-male wire		94.35.20201501	black	NO/SG	20AWG L=150mm
	Two core DC-female wire		94.35.20201502	black	NO/SG	20AWG L=150mm
	Two core PVC-male wire		94.35.21201501	white	ST/SF/NA/SG	20AWG L=150mm
	Two core PVC-female wire		94.35.21201502	white	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid wire		94.32.20202001	transparent	ST/SF/NA/SG	20AWG L=200mm
	Two core Lucid-male wire		94.35.23201501	transparent	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid-female wire		94.35.23201502	transparent	ST/SF/NA/SG	20AWG L=150mm
	single pin,"-"shape wire connector		94.50.110300001	red/black	-	Wire Diamerer <2.1mm
	single pin,"T"shape wire connector		94.50.110000001	red/black	-	Wire Diamerer <2.1mm
	double pin,"-"shape wire connector		94.50.210300001	red/black	-	Wire Diamerer <2.1mm

	double pin,"T"shape wire connector		94.50.21000001	red/black	-	Wire Diameter < 2.1mm
	Split-box		94.51.11000001	white	-	-
	Quick wiring		94.51.11000002	transparent	-	-
connector	Solder free terminal		94.42.621020003	transparent	NO	-
	Solder free terminal		94.42.621020004	transparent	NO	-
	Solder free terminal		94.42.621020005	transparent	SG	-
	Solder free terminal		94.42.621020006	transparent	SG	-
Fixed parts	10mm Fixed clasp		94.19.00100001	transparent	ST/SF/SG	-
	10mm Tube clamps		94.19.01100004	transparent	NO	-
	10mm Tube clamps		94.19.01100003	transparent	SG	-
	10mm No silicone hole plug		94.18.01100001	transparent	ST/SF	-
	10mm Silicone single hole plug		94.18.01100003	transparent	ST/SF	-
	Stopper glue		94.16.03010001	-	ST/SF	-

Recommended profiles/optics

Model	LS1613 (B)	LE2507	LE2513	LS1607	LG1616K
Size(mm)	16X13	25X07	25X13	16X13	16X16
Drawing					

Order Code Formats

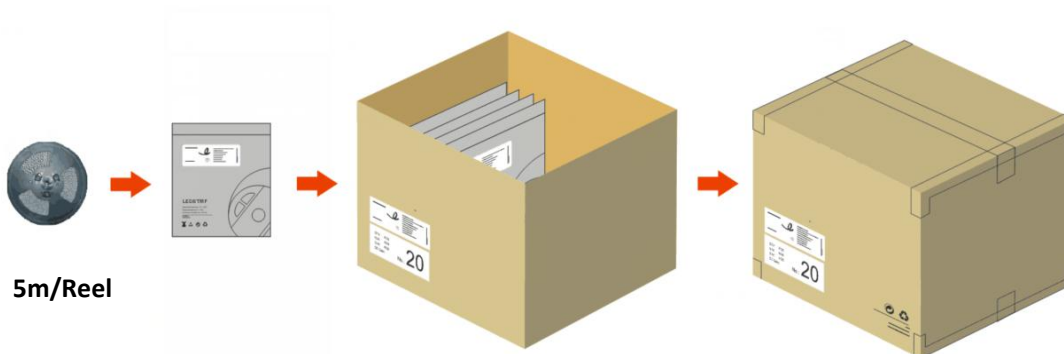
1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
D	-	6	2216	280	280LED	24	24V	08	08mm	NO	NO	9	>90	SW	2700K
										SG	SILICONE GLUE			WW	3000K
										ST	SILICONE TUBE			NW	4000K
										SF	SILICONE FILLED			W	6000K
										NA	NANO				

9:Silk Printing		10: Entry cable		11:Wire type		12:Wire length		13:Tape type		14:Label Type		15: Strip Length	
C	COLORS	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0.5m	0050
S	customized	D	doubel	B	SM-male wire	015	15cm	Y	Yellow 3M	S	customized	1m	0100
N	Neutral	X	Nothing	C	SM-female wire	020	20cm	R	Red tape			2m	0200
				X	Nothing	050	50cm	X	Nothing			5m	0500
						000	Nothing					50m	5000

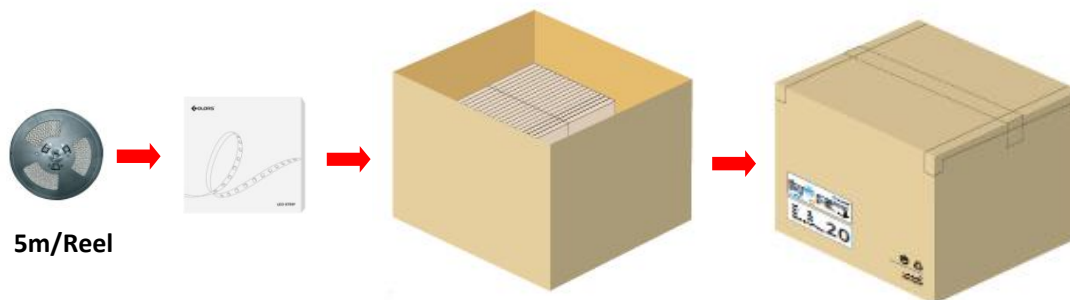
D62802408NO-9NWCDA012WC0500

Packing

1. Non- brand of NO(IP33)/SG(IP55)/ST(IP65)/SF(IP67)/ NA(IP65).



2. Brand of NO(IP33)/SG(IP55)/ST(IP65)/SF(IP67)/NA(IP65).



3. Engineering packaging of NO(IP33).



Disclaimer

- ※ Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- ※ Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- ※ Do not fold it in case any damage of LED beads.
- ※ Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- ※ Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- ※ LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: $-20\text{ }^{\circ}\text{C} \sim +40\text{ }^{\circ}\text{C}$. Storage temperature: $-0\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- ※ Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- ※ Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- ※ Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

